

IN THE CLAIMS:

The claims are amended as follows:

1. (Previously Amended) A method to realize synchronization of data (DAT) sent from a transmitter (TX) to a receiver (RX), with a signal (SIG) available in said receiver (RX), characterized in that said method includes the steps of:

in said receiver (RX) generating said signal available in said receiver in accordance with a time moment when data fits into an available time frame in a predetermined place, wherein said signal available in said receiver is not a signal with a constant frequency;

in said receiver (RX) generating a trigger signal (T) from said signal (SIG) available in said receiver;

sending said trigger signal (T) from said receiver (RX) to said transmitter (TX) to indicate that the transmitter is allowed to send said data (DAT); and

upon receipt of said trigger signal (T) by said transmitter (TX) sending said data (DAT) from said transmitter (TX) to said receiver (RX) wherein said data (DAT) is for receipt in said receiver synchronized with said signal (SIG) available in said receiver.

2. (Previously Amended) The method according to claim 1, characterized in that said data (DAT) is asynchronous data.

3. (Previously Amended) The method according to claim 1, characterized in that in the event that no data is available in said transmitter (TX) to be sent upon receipt of said trigger signal, said method further includes the step of sending idle data from said transmitter (TX) to said receiver (RX).

4. (Previously Amended) A receiver (RX) for receiving from a transmitter (TX) data (DAT), said data (DAT) synchronous with a signal (SIG) available in said receiver (RX), characterized in that said receiver (RX) includes:

a trigger generator (T-GEN) to generate a trigger signal (T) from said signal (SIG) available in said receiver wherein said signal available in said receiver is indicative of a time moment when data fits into an available time frame in a predetermined place, wherein said signal available in said receiver is not a signal with a constant frequency;

a trigger sender (T-SEND) to send said trigger signal (T) from said receiver (RX) to said transmitter (TX); and

a data receiver (DAT-RX) to receive said data (DAT) sent by said transmitter (TX) to said receiver (RX) upon receipt of said trigger signal (T) wherein said data (DAT) is for receipt in said receiver synchronized with said signal (SIG) available in said receiver.

5. (Previously Amended) The receiver (RX) according to claim 4, characterized in that said receiver (RX) is included in an asymmetric digital subscriber line modem.

6. (Previously Amended) A transmitter (TX) for transmitting data (DAT) to a receiver (RX), said data (DAT) synchronous with a signal (SIG) available in said receiver (RX), characterized in that said transmitter (TX) includes:

a trigger receiver (T-RX) to receive a trigger signal (T) generated by said receiver (RX) from said signal (SIG) available in said receiver and sent from said receiver (RX) to said transmitter (TX) wherein said signal available in said receiver is indicative of a time moment when data fits into an available time frame in a predetermined place, wherein said

signal available in said receiver is not a signal with a constant frequency; and

a data sender (DAT-SEND) to send data (DAT) from said transmitter (TX) to said receiver (RX) upon receipt of said trigger signal (T) wherein said data (DAT) is for receipt in said receiver already synchronized with said signal (SIG) available in said receiver.

7. (Previously Amended) The transmitter (TX) according to claim 6, characterized in that said transmitter (TX) includes means to send said data (DAT) in an asynchronous way.

8. (Previously Amended) The transmitter (TX) according to claim 6, characterized in that said transmitter (TX) includes an idle data generator (ID-GEN) to generate idle data and to send said idle data from said transmitter (TX) to said receiver (RX) in the event that no data (DAT) is available in said transmitter (TX) upon receipt of said trigger signal (T).

9. (Original) The method of claim 1, wherein said transmitter is an asynchronous transfer mode (ATM) data stream.

10. (Original) The method of claim 1, wherein said receiver comprises frames of a digital subscriber line data stream.

11. (Original) The method of claim 1, wherein upon receipt of said trigger signal (T), said transmitter (TX) sends said data immediately or after a predetermined period.

12. (Cancelled)

13. (Cancelled)

- 14. (Cancelled)
- 15. (Cancelled)
- 16. (Cancelled)
- 17. (Cancelled)
- 18. (Cancelled)
- 19. (Cancelled)
- 20. (Cancelled)
- 21. (Cancelled)
- 22. (Cancelled)
- 23. (Cancelled)
- 24. (Cancelled)
- 25. (Cancelled)
- 26. (Cancelled)
- 27. (Cancelled)

28. (Currently Amended) ~~The receiver of claim 27, wherein~~
~~said means for providing an asynchronous trigger signal~~
~~comprises:~~ Receiver (RX) comprising:

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means for sending an asynchronous trigger signal (T) from said receiver to a transmitter (TX) to indicate a moment when data from said transmitter is needed;

means for receiving (DAT-RZ) a data signal (DAT) with said data from said transmitter, at said moment when data from said transmitter is needed;

trigger generating means (T-GEN), responsive to a signal (SIG) available in said receiver but not having a constant frequency, for providing said asynchronous trigger signal; and

trigger sending means, responsive to said asynchronous trigger signal, for ~~said~~ sending said asynchronous trigger signal to said transmitter.]?

29. (Original) The receiver of claim 28, wherein said data signal is synchronized with said signal available in said receiver.

30. (Cancelled)

31. (Cancelled)

32. (Cancelled)

33. (Cancelled)

34. (Cancelled)

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E1 Cont.
~~35. (Currently Amended) The transmitter of claim 34, further comprising~~ ^A Transmitter (TX), comprising:

means for receiving (T-RX) an asynchronous trigger signal (T) from a receiver (RX) indicating a moment when data from said transmitter is needed;

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means for providing (DAT-SEND) a data signal (DAT) with said data from said transmitter at said moment when data from said transmitter is needed;

means for buffering (BUF) said data until said asynchronous trigger signal is received by said means for receiving; and

idle data generating (ID-GEN) means for providing idle data for sending said idle data to said receiver in case no data is available in said transmitter upon receipt of said trigger signal.

36. (Cancelled)

37. (Cancelled)

38. (Cancelled)

39. (Original)^A Method to synchronize reception of data (DAT) sent from an asynchronous transfer mode transmitter (TX) to an asymmetric digital subscriber line framer (RX), with a signal (SIG) indicating to said asymmetric digital subscriber line framer (RX) the time moments when said data fits into a predetermined place in asymmetric digital subscriber line frames, said method including the steps of:

generating trigger signals (T) indicating that said asynchronous transfer mode transmitter (TX) is permitted to send said data;

sending said trigger signals (T) from said asymmetric digital subscriber line framer (RX) to said asynchronous transfer mode transmitter (TX);

upon receipt of said trigger signals (T) by said asynchronous transfer mode transmitter (TX) sending said data

(DAT) from said asynchronous transfer mode transmitter (TX) to said asymmetric digital subscriber line framer (RX).

40. (Original) The method according to claim 39, characterized in that said method further comprises in the event that no data is available in said asynchronous transfer mode transmitter (TX) to be sent upon receipt of said trigger signals, sending idle data from said asynchronous transfer mode transmitter (TX) to said asymmetric digital subscriber line framer (RX).